

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

WEST et al

Atty. Ref.: 47-217

Serial No. Unassigned

TC/A.U.: Unassigned

Filed: December 13, 2004

Examiner: Unassigned

For: METALLOTHIONEIN BASED NEURONAL THERAPEUTIC AND  
THERAPEUTIC METHODS

\* \* \* \* \*

December 13, 2004

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

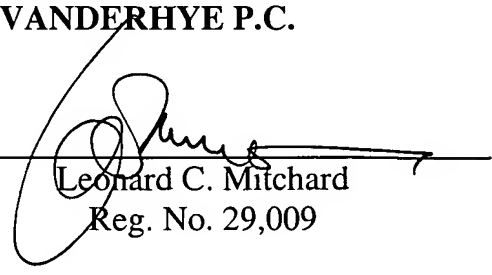
Attached is a completed Form PTO-1449 listing references in connection with this application. Also enclosed is a copy of the International Search Report. A copy of each of the references will be submitted in a Supplemental Information Disclosure Statement when received by the undersigned.

The Examiner is requested to initial the attached PTO-1449, and to return a copy of the initialed document to the undersigned as an indication that the listed references have been considered and made of record.

Respectfully submitted,

**NIXON & VANDERHYTE P.C.**

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INFORMATION DISCLOSURE  
CITATION

PCT DOCKET NO.

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10/517653  
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APPLICANT

WEST et al

(Use several sheets if necessary)

FILING DATE

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December 13, 2004

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,268,175	12/1993	Bombardelli			
	5,431,923	07/1995	Bombardelli			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
FR 2813529	03/2002	FR			
WO 98/31795A	07/1998	WO			
WO 02/43507A	06/2002	WO			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Richarz, A.N., et al.; "Speciation Analysis of Trace Elements in the Brains of Individuals with Alzheimer's Disease with Special Emphasis on Metallothioneins"; <i>Anal Bioanal Chem.</i> ; Vol. 372(3); pp. 412-417 (2002).
	Lui, E., et al; "Metals and the Liver in Alzheimer's Disease: An Investigation of Hepatic Zinc, Copper, Cadmium, and Metallothionein"; <i>J. Am. Geriatr Soc</i> ; Vol. 38(6); pp. 633-639 (1990).
	Aldard, P.A., et al; "Increased Density of Metallothionein I/II-Immunopositive Cortical Glial Cells in the Early Stages of Alzheimer's Disease"; <i>Neurobiology of Disease</i> ; Vol. 5(5); pp. 349-356 (1998).
	Zambenedetti, P., et al; "Metallothioneins are Highly Expressed in Astrocytes and Microcapillaries in Alzheimer's Disease"; <i>Journal of Chemical Neuroanatomy</i> ; Vol. 15(1); pp. 21-26 (1998).
	Aschner, M., "The Functional Significance of Brain Metallothioneins"; <i>The FASEB Journal</i> ; Vol. 10(10); pp. 1129-1136 (1996).

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.